Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 09 Jan 2021 until 23:59 on Sunday 10 Jan 2021

Forecast Issued on Saturday 09 Jan 2021 at 04:22

Confidence: High for cold but dry for much of today, then turning milder for Sunday and unsettled from Monday, but confidence medium to low for the detail of timings and snow levels in the worst of the later weather.

Headline for Saturday 09 Jan 2021: Dry, cold with sunny spells today. Becoming cloudy this evening with a chance of patchy rain, sleet or snow developing across western areas.

Mountain weather hazards on Saturday 09 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny	Sunny intervals	Sunny intervals	Partly cloudy (night)	Cloudy
Precipitation probability					
00%	00%	00%	00%	00%	20%

Forecast for Saturday 09 Jan 2021

Weather: Dry and fine today with spells of weak winter sunshine, but icy conditions are likely to persist at height throughout today, especially in shaded areas. Cloud will thicken from the west this evening, bringing the chance of some patchy sleet and snow across western areas.

Chance of cloud free mountain/hill tops above 600m: By day 80% becoming 20% this evening across western areas, and 60% across the east, as bases lower and thicken becoming broken from 400-600m by midnight.

Visibility: Very good or excellent becoming a handful of kilometres in later sleet and snow.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Saturday 09 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/11 SW	11/17 SW	17/22 SW	18/25 SW	17/27 W	16/24 SW	15/22 SW
300	4/9 W	4/11 SW	8/17 SW	8/18 W	7/21 W	8/21 W	7/19 W
Valley	0/4 NE	0/7 W	2/9 SW	3/13 SW	2/11 W	2/13 W	3/13 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-6	-2/-8	-2/-8	-2/-8	-1/-8	-0/-7	1/-5
300	-2/-5	-2/-4	1/-3	1/-3	0/-4	1/-3	2/-1
Valley	-2/-3	-2/-4	1/-1	2/-0	0/-2	2/0	3/1
Freezing Level*	00m	00m	100m	400m	200m	500m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very cold at height with a significant chill effect.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 09 Jan 2021	2.4mm	2.8mm	5.2mm

Forecast for Sunday 10 Jan 2021

Weather: Cloudy with outbreaks of rain through the morning, falling as sleet or snow over the summits. Becoming largely dry, whilst staying cloudy, through the afternoon and evening. Widespread hill fog.

Maximum wind: West or southwest 25 mph gusts 40mph.

Chance of cloud free mountain/hill tops above 600m: 30% across eastern areas and zero across western areas, with bases broken from 300-500m.

Visibility: In rain and at very low levels moderate or poor, but with the snow and hill fog very poor.

Temperature: **Valleys:** Plus 3 Celsius increasing plus 5 Celsius during the afternoon
At 600m: Plus 1 or 2 Celsius
Freezing level: 800m increasing to 900m

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved